

## Glutamic-Oxaloacetic Transaminase 1 Mouse Recombinant

<b>Item Number</b>	rAP-1918
<b>Synonyms</b>	Aspartate aminotransferase, cytoplasmic, cAspAT, Cysteine aminotransferase, cytoplasmic, Cysteine transaminase, cytoplasmic, cCAT, Glutamate oxaloacetate transaminase 1, Transaminase A.
<b>Description</b>	GOT1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 436 amino acids (1-413a.a) and having a molecular mass of 48.6kDa.GOT1 is fused to a 23 amino acid His-tag at N-terminus
<b>Uniprot Accesion Number</b>	P05201
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMA PPSVF AQVPQAPPVL VFKLTADFRD DPDPKVNLLG VGAYRTDESQ PWVLPVVRKV EQKIANDNSL NHEYLPIGL AEFRSCASRL VLGDNSPAIR ENRVGGVQSL GGTGALRI- GA DFLGRWYNGT DNKNTPIYVS SPTWENHNAV FSAAGFKDIR PYCYWDAEKR GLDLQGFLND LE- NAPEFSIF VLHACAHNPT GTDPTPEQWK QIAAVMQRRF LFPFFDSAYQ GFASGDLEKD AWAIYFVSE GFELFCAQSF SKNFGLYNER VGN- LTVVGKE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	GOT1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**